

Message Text

CONFIDENTIAL

PAGE 01 NATO 02717 01 OF 05 051041Z
ACTION EUR-12

INFO OCT-01 ISO-00 SS-15 NSC-05 PM-04 OC-06 CCO-00
INR-07 CIAE-00 OIC-02 EB-07 AS-01 L-03 /063 W
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INFO DCA WASHDC
OTP WASHDC
USMCEB WASHDC
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C O N F I D E N T I A L SECTION 01 OF 05 NATO 02717

E.O. 11652: GDS
TAGS: NATO ETEL MARR
SUBJECT: JOINT COMMUNICATIONS-ELECTRONICS COMMITTEE (NJCEC) MEETING,
APRIL 28-29, 1977

REF: (A) STATE 088502 DTG 200036Z APR 77, (B) AC/270-A/23, (C)
NICSMA/MR(77)2, (D) AC/270-D/144, (E) AC/270-D/143, (F) AC/270-D/129,
ANNEXES A & B, (G) NICSMA/MR(77)3, (H) NICSMA-D/70, (I) NICSMA-D/71.

SUMMARY: THE NJCEC MET APRIL 28-29, 1977 WITH THE HONORABLE DOCTOR
G P DINNEEN, ASST SECRETARY OF DEFENSE, COMMUNICATIONS, COMMAND, CON-
TROL AND INTELLIGENCE (ASD C3-I) REPRESENTING THE US. LTGEN LEE M
PASCHALL, USAF, DIRECTOR, DEFENSE COMMUNICATIONS AGENCY, WAS THE
ALTERNATE US REP. THE COMMITTEE DECISIONS WERE CONSISTENT WITH US
POSITIONS. OF PARTICULAR INTEREST TO THE US: THE NJCEC RECONFIRMED
THE NEED FOR 18 TARES (TELEGRAPHIC AUTOMATIC RELAY EQUIPMENT), URGING
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PAGE 02 NATO 02717 01 OF 05 051041Z

THE MINISTERS TO SUPPORT ADEQUATE COMMON INFRASTRUCTURE FUNDS TO
ALLOW THE NICS PROGRAMS TO CONTINUE AS SCHEDULED, AND THE ANNOUNCEMENT
BY THE NETHERLANDS AND US MEMBERS OF THE DECISION OF THEIR GOVERNMENTS
TO SUBMIT A COMMON EQUIPMENT TO NATO FOR THE HISPEED CRYPTO PROGRAM.
END SUMMARY.

1. THE NJCEC MET ON 28-29 APR 77 TO ADDRESS THE ITEMS ON ITS AGENDA (REF B), WITH FRANCE PARTICIPATING IN PART I (ITEMS I THRU VI). THE CHAIRMAN (MACBRIEN) WELCOMED NEW MEMBERS COL J J VAN DEN PUT (BELGIUM), BGEN F DOVAS (GREECE), CAPT A A VAN ELK (NETHERLANDS), CAPT H SERPA DE VASCOUCELOS AND MR A QUESDA (PORTUGAL), MGEN H A J STURGE (UK), AND HON G P DINNEEN (US). THE CHAIRMAN EXTENDED A SPECIAL WELCOME TO THE NEW DIRECTOR GENERAL (DG), NICSMA, SIR JOHN ANDERSON. DURING THE COURSE OF THE MEETING HE SAID FAREWELL TO BGEN MONTANARI (ITALY) WHO IS RETIRING, AND TO THE DEPUTY DG (DDG), NICSMA,

VICE ADM J BOYES, WHO IS RETIRING FOR REASONS OF HEALTH. IN SUBSEQUENT PARAGRAPHS WE SUMMARIZE THE DISCUSSION AND DECISIONS ON EACH AGENDA ITEM.

2. THE COMMITTEE NOTED AN INTRODUCTORY STATEMENT BY THE US REP IN WHICH HE PROVIDED INFORMATION ON HIS PERSONAL BACKGROUND, STATED THE IMPORTANCE THAT PRESIDENT CARTER AND SECRETARY OF DEFENSE BROWN PLACE ON NATO, AND STRESSED THE GREAT IMPORTANCE OF INTEROPERABILITY BETWEEN

THE US AND OTHER NATIONAL SYSTEMS WITH THE NICS.

3. ITEM I, NICS IMPLEMENTATION.

A. PROGRESS REPORT. NOTING THAT THERE WERE NO MAJOR CHANGES SINCE THE LAST REPORT WAS ISSUED IN JANUARY, THE DG, NICSMA PRESENTED A GENERAL ADDRESS TO THE COMMITTEE SUMMARIZING HIS VIEWS ON THE ORGANIZA-

TION OF NICSMA AND THE PROCEDURES NECESSARY TO IMPLEMENT NICSMA PROJECTS WITHIN NATO, THE MAIN PROBLEMS AFFECTING IMPLEMENTATION OF PHASE
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CONFIDENTIAL

PAGE 03 NATO 02717 01 OF 05 051041Z

I OF THE NICS, THE FUTURE EVOLUTION OF THE NICS, AND HIS CONCLUSIONS.

(1) ON THE SUBJECT OF NATO PROCEDURES HE REGISTERED HIS CONCERN THAT MANY DIFFERENT ELEMENTS (PARTICULARLY THE FINANCIAL COMMITTEES) QUESTION NOT ONLY WHAT NICSMA IS DOING BUT HOW. HE ENTERED A PLEA TO GIVE

NICSMA A GREATER MEASURE OF FREEDOM TO DO ITS WORK, AND HE ASKED THAT EACH NATION INSTRUCT ITS NATIONAL STAFF MEMBERS TO SUPPORT NICSMA IN ITS WORK. IN TERMS OF THE NICSMA ORGANIZATION, HE ANNOUNCED HIS INTENTION TO USE THE DDG POSITION AS A CHIEF OF STAFF TO RUN NICSMA INTERNALLY, WHILE USING THE DG POSITION TO DETERMINE THE OVERALL POLICY AND TO ACT AS AN AMBASSADOR FOR THE NICS. HE STRESSED THE NEED

FOR ADDITIONAL PERSONNEL, PARTICULARLY FOR SITE AND FIELD ENGINEERING OF SUBSYSTEM INTEGRATION, AND FOR A SENIOR HIGH LEVEL EXPERIENCED SYSTEM ENGINEER. HE COMPLAINED THAT NATIONS ARE NOT PUTTING UP QUALI-

FIED CANDIDATES TO FILL NICSMA VACANCIES AND THAT HE CANNOT ASSURE

MAINTAINING THE NATIONAL BALANCE UNDER THIS CONDITION. COMMENT: WE BELIEVE THAT THE DG DIRECTED THIS COMMENT TO THE US MORE THAN TO ANY OTHER ALLY. END COMMENT.

(2) AMONG THE MAJOR IMPLEMENTATION PROBLEMS STILL CONFRONTING NICSMA,

THE DG HIGHLIGHTED THE SUBSYSTEM IMPLEMENTATION AND CIVIL WORKS PROBLEMS AS FOREMOST, NOTING THAT MUCH OF THIS WORK DEPENDS ON TIMELY FUNDING AND EXECUTION BY NATIONAL AUTHORITIES. HE WARNED OF COST OVERRUNS FOR STAGE I OF THE NICS, ALERTED THE MEMBERS TO THE NEED FOR NATIONAL MANPOWER AND TRAINING SUPPORT FOR THE NICS, AND REMINDED THE MEMBERS THAT TRAINING FOR THE TARES COMMENCES ONLY 10 MONTHS FROM NOW.

(3) ON THE FUTURE DEVELOPMENT OF THE NICS, THE DG STRESSED HIS PHILOSOPHY OF A FOUR-STAGE RATHER THAN TWO-STAGE IMPLEMENTATION STRATEGY, IN WHICH STAGE II IMPLEMENTS NODAL SWITCHES, STAGE III DIGI-
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PAGE 04 NATO 02717 01 OF 05 051041Z

TAL TRANSMISSION, WITH FULL DIGITALIZATION DELAYED UNTIL STAGE IV (TARGETED FOR 1995 OR THEREAFTER). HE STRESSED THE IMPORTANCE OF AN

CONFIDENTIAL

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PAGE 01 NATO 02717 02 OF 05 051051Z
ACTION EUR-12

INFO OCT-01 ISO-00 SS-15 NSC-05 PM-04 OC-06 CCO-00

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C O N F I D E N T I A L SECTION 02 OF 05 NATO 02717

EVOLUTIONARY APPROACH WHICH MINIMIZED COST AND TECHNICAL RISK WHILE
ENHANCING RELIABILITY AND INTEROPERABILITY.

(4) THE DG CONCLUDED BY URGING THE NATIONS TO SUPPORT THE NICS IN
ORDER TO ALLOW IMPLEMENTATION OF STAGE I TO PROCEED ON SCHEDULE, BY
PROVIDING THE NECESSARY FUNDING AND NATIONAL SUPPORT AT ALL LEVELS OF
STAFF, PARTICULARLY IN THE FINANCE COMMITTEES. THE GERMAN REP
(SCHNEIDER) REPORTED THAT THE CIP-67 CONTRACT WAS SIGNED AND WORK WAS
UNDERWAY FOR ALL BUT THE POWER GENERATOR PORTIONS OF THE PROJECT. HE
URGED EARLY RESOLUTION OF THE POWER GENERATOR PROBLEM, STRESSING THAT
ITS RESOLUTION WOULD NOT ADVERSELY IMPACT ON IMPLEMENTATION OF THE
CIP-67 PROJECT SINCE GERMANY INTENDED TO SUPPLY COMMERCIAL POWER UNTIL

POWER GENERATORS BECAME AVAILABLE. THE COMMITTEE NOTED THE STATEMENTS

BY THE DG, NICSMA AND THE GERMAN REP, AND URGED THE NATIONS TO SUPPORT
CONFIDENTIAL

CONFIDENTIAL

PAGE 02 NATO 02717 02 OF 05 051051Z

NICSMA IN THE SUBSYSTEMS INTEGRATION AND IN THE CIVIL WORKS PROJECTS.

B. PROVISION OF CIRCUITS FOR THE INITIAL VOICE SWITCH NETWORK (IVSN).

THE SHAPE REP (RICHTER) REPORTED ON PLANNING BY SHAPE TO PROVIDE CIR-
CUITS FOR THE IVSN WHILE MAINTAINING THE MINIMUM MILITARY COMMUNICA-
TIONS REQUIREMENT UNTIL COMPLETE CUTOVER IS POSSIBLE. HE WARNED THAT
EXISTING CIRCUITS MEET ONLY THE MINIMUM REQUIREMENT AND THERE WOULD BE

FEW CIRCUITS AVAILABLE INITIALLY FOR THE IVSN. THE COMMITTEE NOTED
NICSMA'S PROGRESS REPORT (REF C) AND THE STATEMENT BY SHAPE, AND
INVITED ALL CONCERNED TO SOLVE ANY OUTSTANDING POLICY PROBLEMS TO EN-
SURE TIMELY PROVISION OF THE REQUIRED CIRCUITS.

C. TARE FUNDING. THE DG, NICSMA URGED RESOLUTION OF THE FUNDING
PROBLEMS FOR THE FIVE ADDITIONAL TARES BY JUNE 1977 SO THAT NICSMA CAN

EXERCISE THE CURRENT CONTRACT OPTION. THE SHAPE REP, SUPPORTED BY
SACLANT & CINCHAN, CONFIRMED THAT 18 TARES ARE THE MINIMUM MILITARY
REQUIREMENT AND ASSURED THAT FUNDING WOULD BE PROVIDED FOR THE COM-
plete TARE PROGRAM. THE CANADIAN REP (SUGIMOTO) URGED THAT THE TARE
PROGRAM BE REAPPRAISED (I.E., THE NUMBER OF TARES BE REEXAMINED), AND
THE BELGIAN REP (VAN DEN PUT) SUGGESTED THAT THE METHOD OF COMPLETING
THE REQUIREMENT BE REAPPRAISED IN LIGHT OF RECENT DEVELOPMENTS IN
DATA PROCESSING EQUIPMENT (I.E., BY SMALLER, NEWER, AND CHEAPER EQUIP-

MENT VIA I.C.B. RATHER THAN BY EXERCISING THE OPTION FOR THE FIVE
ADDITIONAL TARES). THE SHAPE REP RESPONDED THAT IT WOULD BE UNWISE TO

PROCURE ANOTHER TYPE OF TARE SINCE THE PROBLEMS AND COSTS OF LOGIS-
TICS, MAINTENANCE AND TRAINING WOULD OUTWEIGH ANY SAVINGS IN ACQUI-
SITION COSTS. THE UK AND GERMAN REPS STRONGLY ENDORSED THE SHAPE POSI-
TION. THE US REP (DINNEEN) URGED THE MEMBERS TO ENCOURAGE THEIR
NATIONS TO SUPPORT ADDITIONAL FUNDS FOR THE CURRENT INFRASTRUCTURE
PERIOD IN ORDER THAT VITAL NICS PROGRAMS CAN PROCEED.
CONFIDENTIAL

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PAGE 03 NATO 02717 02 OF 05 051051Z

THE COMMITTEE NOTED THESE STATEMENTS AND INVITED SHAPE TO PROVIDE THE
FUNDING FOR THE ADDITIONAL ACE TARES AS SOON AS POSSIBLE; AGREED THAT
ONLY SHOULD THIS FUNDING NOT BE FORTHCOMING ON TIME WOULD A RE-
APPRAISAL OF THE SIZE AND SCOPE OF THE PRESENTLY-PLANNED PROGRAM BE
UNDERTAKEN; AND URGED REPS TO IMPRESS ON THEIR AUTHORITIES THE IMPORT-

ANCE OF ARRIVING AT A COMMONLY-AGREED POSITION ON THE PROVISION OF
ADEQUATE FUNDS FOR THE COMMON INFRASTRUCTURE PROGRAM SO THAT THE TARE
AND OTHER IMPORTANT COMMUNICATIONS INFRASTRUCTURE PROJECTS
FOR THE NICS CAN PROCEED AS CURRENTLY PLANNED AND ACCORDING TO SCHE-
DULE.

4. ITEM II, NICS PLANNING.

A. JOINT US/NATO DIGITAL TROPOSCATTER TESTS. THE DG, NICSMA NOTED
THAT THE TEST RESULTS SO FAR ARE ENCOURAGING, BUT THAT NO CONCLUSIONS
CAN YET BE DRAWN ON THE TECHNICAL FEASIBILITY OF A DIGITAL REFURBISH-
MENT OF ACE HIGH. THE SHAPE REP NOTED THE SUCCESSFUL TRANSFER OF
CIRCUITS FOR TEST, BACK TO NATO FOR EXERCISE WINTEX, AND BACK AGAIN
FOR TEST. HE OBSERVED THAT SHAPE PERSONNEL HAD GAINED VALUABLE KNOWL-

EDGE FROM THE EXPERIENCE. THE GERMAN REP REMINDED THE COMMITTEE OF THE

DIFFICULTIES IN OBTAINING FREQUENCIES IN THE BAND UTILIZED FOR ACE
HIGH AND ADDED THAT NO FREQUENCY AGREEMENTS HAD BEEN CONCLUDED FOR THE

KINDBACH/FELDBERG TEST LINK. THE NJCEC NOTED THE STATEMENTS.

B. INTERCONNECTIONS OF FRENCH NATIONAL COMMUNICATIONS FACILITIES WITH

THE NICS. THE FRENCH REP REQUESTED A WORDING CHANGE TO AC/270-DS/19,
ITEM V, PARA (8), WHICH PLACED THE EMPHASIS ON ENSURING THAT THE NICS
AND FRENCH NATIONAL SYSTEM ARE COMPLEMENTARY AND ON INCLUDING THE
DEFINITION OF DULY AUTHORIZED SUBSCRIBERS. HE ACKNOWLEDGED THE
REALISM OF NICSMA'S APPROACH, STRESSED THAT USE OF THE INTERCONNECTIONS

WOULD BE RESTRICTED TO RECIPROCAL REQUIREMENTS RATHER THAN TO TOTAL
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PAGE 04 NATO 02717 02 OF 05 051051Z

INTERNATIONAL PURPOSES, AND NOTED PARTICULAR FRENCH INTEREST IN THE INTERCONNECTIONS FOR TELEGRAPH TRAFFIC. THE NJCEC NOTED THE STATEMENTS, AGREED TO CHANGE THE WORDING IN AC/270-DS/19, AND NOTED THE INTERIM REPORT BY THE CHAIRMAN OF THE JCEWG (VAN DER WILLIGEN) (REF D).

5. ITEM III, NEAR TERM INTEROPERABILITY. THE DG, NICSMA REVIEWED THE

CONFIDENTIAL

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PAGE 01 NATO 02717 03 OF 05 051155Z

ACTION EUR-12

INFO OCT-01 ISO-00 SS-15 NSC-05 PM-04 OC-06 CCO-00

INR-07 CIAE-00 OIC-02 EB-07 L-03 /062 W

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C O N F I D E N T I A L SECTION 03 OF 05 NATO 02717

PROGRESS MADE BY NICSMA, THE NICS CENTRAL OPERATING AUTHORITY (COA), STC, THE US AND THE UK CONCERNING NEAR TERM SATCOM INTEROPERABILITY. HE THEN CITED A UK PROPOSAL TO ENABLE US/NATO MARITIME SATCOM INTEROPERABILITY BY USING THE NEW UK URC-613 CODE DIVISION MULTIPLE ACCESS (CDMA) EQUIPMENT. THE NICS CONTROLLER CENTRAL OPERATING AUTHORITY (CCOA) (RICHTER) EXPANDED ON THE LATTER PROPOSAL, REFERENCING A PROTO-

TYPE SATELLITE GROUND TERMINAL (SGT) IN THE UK. HE ALSO CITED RECENT SUCCESSFUL INTEROPERABILITY TESTS BETWEEN US AND UK FLEET UNITS USING US EQUIPMENT, AND EMPHASIZED THAT A FINAL CONFIGURATION IS STILL UNDER

STUDY. THE COMMITTEE NOTED THE REPORT CIRCULATED BY THE CHAIRMAN IN MESSAGE NAC/4188, AND THE STATEMENTS BY THE DG, NICSMA AND THE NICS, CCOA.

6. ITEM IV, MULTI PROJECT COORDINATION. THE CHAIRMAN BRIEFLY MENTIONED RECENT ACTIVITIES IN THIS AREA, NOTING THE COMPLEXITY OF THE CONFIDENTIAL

CONFIDENTIAL

PAGE 02 NATO 02717 03 OF 05 051155Z

PROBLEM AND THE DIVERSITY OF VIEWS ON THE SUBJECT, AND SUGGESTED THAT HE REPORT IN MORE DETAIL ON THE SUBJECT AT A LATER, MORE APPROPRIATE TIME. THE COMMITTEE NOTED HIS STATEMENTS.

7. ITEM V, NATO SUBJECT INDICATOR SYSTEM (NASIS). THE CHAIRMAN REMINDED THE COMMITTEE THAT NASIS WAS PLANNED FOR USE UNIVERSALLY THROUGHOUT NATO, RESULTING IN CERTAIN USERS WHO ARE NOT PART OF THE MILITARY HIERARCHY. HE CAUTIONED THAT SUCH NONMILITARY USERS MAY FIND

IT IMPOSSIBLE TO USE SUCH A RIGID SYSTEM, AND URGED THE MILITARY REPS OF THE NATIONS TO MAKE THEIR NATIONAL REPRESENTATIVES AWARE OF PROBLEMS THAT THEIR NATIONAL NONMILITARY USERS MIGHT HAVE IN USING NASIS. THE COMMITTEE NOTED THE CHAIRMAN'S STATEMENT.

8. ITEM VI, ANY OTHER BUSINESS.

A. STANDARDIZATION AGREEMENT (STANAG) 5040. THE DG, NICSMA STATED THAT HE COULD ACCEPT THE TASKS PROPOSED FOR NICSMA IN MESSAGE NAC 4235, SUGGESTED THAT SINCE STANAG 5040 WAS DESIGNED FOR TACTICAL USERS

IT MIGHT HAVE TO BE MODIFIED FOR THE NICS, AND URGED THE MAJOR NATO COMMANDS (MNC'S) TO PROVIDE THEIR OPERATIONAL REQUIREMENTS FOR INTER-OPERABILITY AND INTERCONNECTION. THE SHAPE REP EMPHASIZED THAT INTER-

CONNECTION OF THE NICS WITH NATIONAL COMMUNICATIONS SYSTEMS IS A KEY ISSUE. HE INFORMED THE COMMITTEE THAT INTERCONNECTION REQUIREMENTS FOR NICS STAGE I ARE "MORE OR LESS" COMPLETED, WHILE STAGE II INTERCONNECTION REQUIREMENTS ARE UNDER STUDY AND WOULD BE COMPLETED LATER. THE NJCEC NOTED THE STATEMENTS; INVITED NICSMA TO DEVELOP, TEST, PRO-
CURE, AND DEPLOY INTERFACE DEVICES SPECIFIED BY STANAG 5040 OR THEIR EQUIVALENT WHERE NECESSARY; TO WORK WITH THE TRI-SERVICE GROUP ON COMMUNICATIONS AND ELECTRONICS EQUIPMENT (TSGCEE) ON ITS STUDY OF METHODS OF ASSURING ADEQUATE VOICE COMMUNICATIONS BETWEEN NATIONAL TACTICAL SYSTEMS AND BETWEEN THEM AND THE NICS; AND "TO WORK AS NECES-

SARY WITH THE TSGCEE ON ITS TASK ASSOCIATED WITH THE INTRODUCTION OF A

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PAGE 03 NATO 02717 03 OF 05 051155Z

COMMON REPLACEMENT SYSTEM, OR REPLACEMENT SYSTEMS DESIGNED TO COMMON CRITERIA, TO ASSURE INTEROPERABILITY OF THE NICS AND THAT SYSTEM OR THOSE SYSTEMS."

B. STANAG 5043, DIGITAL MULTIPLEX HIERARCHY. THE ALTERNATE US REP (PASCHALL) REVIEWED PROGRESS, INFORMING THE MEMBERS THAT FIVE NATIONS HAD NOW AGREED TO THE DRAFT STANAG PROPOSED BY THE US AND FOUR NATIONS

HAD SUBMITTED COMMENTS. CURRENT US PLANS ARE TO RESPOND TO THE COMMENTS AND PROVIDE A REVISED DRAFT STANAG BY 7 JUNE 1977. THE COMMITTEE NOTED THIS STATEMENT.

9. ITEM VII, NATO SATELLITE COMMUNICATIONS PROGRAM - PHASE III.

A. OPERATIONS. THE NICS CCOA PRESENTED A STATUS REPORT ON THE NATO III-A SATELLITE.

B. IMPLEMENTATION. THE DG, NICSMA STATED THAT NATO III-B SATELLITE HAS BEEN FORMALLY HANDED OVER TO THE US, THAT SAMSO HAS INITIATED A STUDY ON NATO III-C SATELLITE LAUNCH OPTIONS, AND THAT BID EVALUATIONS

FOR SATCOM III GROUND TERMINALS HAVE COMMENCED. THE NJCEC INVITED NICSMA TO MAKE RECOMMENDATIONS ON THE NATO III-C LAUNCH STRATEGY AT THE NEXT MEETING.

10. ITEM VIII, FUTURE SATELLITE COMMUNICATIONS PLANNING. THE CHAIRMAN REVIEWED THE OPTIONS BEING CONSIDERED BY THE SATCOM WORKING GROUP (SCWG) AND SUGGESTED THAT THE COMMITTEE WAIT UNTIL THE OCTOBER MEETING

CONFIDENTIAL

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PAGE 01 NATO 02717 04 OF 05 051130Z
ACTION EUR-12

INFO OCT-01 ISO-00 SS-15 NSC-05 PM-04 OC-06 CCO-00

INR-07 CIAE-00 OIC-02 EB-07 L-03 /062 W

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C O N F I D E N T I A L SECTION 04 OF 05 NATO 02717

TO CONSIDER THE SCWG REPORT BEFORE REACHING ANY DECISION ON THE NEXT GENERATION OF NATO SATELLITES (NATO IV). THE US ALTERNATE REP (PASCHALL) SUPPORTED THE CHAIRMAN'S STATEMENT AFTER REMINDING THE MEMBERS THAT NATO HAD PROVIDED THE US WITH ITS REQUIREMENTS AND RECOM-

MENDED MODIFICATIONS TO THE US DEFENSE SATELLITE COMMUNICATIONS SYSTEM,

DSCS III SATELLITE, AND THAT THE US HAD STUDIED THESE REQUIREMENTS AND

CATALOGUED THEM IN TERMS OF THEIR IMPACT ON THE DSCS III PROGRAM AND THEIR ACCEPTABILITY TO THE US. THE SHAPE REP INFORMED THE COMMITTEE THAT NATO IV REQUIREMENTS WOULD BE COMPLETED BY THE END OF MAY, AND REMINDED THE COMMITTEE THAT THE APPROACH CHOSEN FOR NATO IV WOULD IMPACT HEAVILY ON THE MNC'S BUDGET FOR THE NEXT FIVE-YEAR INFRASTRUCTURE

FUNDING PERIOD, AND THAT THIS "HIGHLIGHTED" THE IMPORTANCE OF AN
CONFIDENTIAL

CONFIDENTIAL

PAGE 02 NATO 02717 04 OF 05 051130Z

AGREEMENT AT THE EARLIEST POSSIBLE DATE.

11. ITEM IX, MANPOWER REQUIREMENTS FOR THE NICS. THE DG, NICSMA INVITED THE MEMBERS TO REMIND APPROPRIATE OFFICIALS OF THEIR NATIONS OF THE NECESSITY TO PROVIDE ADEQUATE MANPOWER FOR THE NICS. THE CHIEF,

SYSTEM DIRECTION AND SUPPORT DIVISION, NICSMA (BRIGADIER MAXFIELD) GAVE

A PRESENTATION ON THE TRAINING COURSES PLANNED AND SCHEDULED FOR THE TARES. THE NETHERLANDS AND BELGIAN REPS CONFIRMED THAT THEIR NATIONS WOULD NOW BE ABLE TO MEET THE NICS MANNING REQUIREMENTS APPROVED BY THE DPC MANPOWER COMMITTEE. THE COMMITTEE URGED EACH NATION TO TAKE STEPS TO FILL ITS MANPOWER QUOTA.

12. ITEM X, SYSTEM ARCHITECTURE. THE DG, NICSMA REVIEWED RECENT DEVELOPMENTS IN NICSMA CONCERNING THE FUTURE SYSTEM ARCHITECTURE OF THE NICS, NOTING THAT THE SYSTEMS ARCHITECTURE DEVELOPMENT STUDY (SADS) PROJECT HAS COMMENCED AND ACKNOWLEDGING STC SUPPORT. HE INFORMED THE GROUP THAT THE STEERING COMMITTEE WILL MEET MONTHLY TO REVIEW PROGRESS AND INDICATED AN AUGUST 1978 TARGET DATE FOR COMPLETION OF THE STUDY. THE SHAPE REP SUPPORTED THE STUDY, STATING HE BELIEVED IT WAS NOW MOVING IN THE RIGHT DIRECTION, AND HE SUPPORTED CONTRACTUAL HELP FOR STC. THE NETHERLANDS REP SUGGESTED THAT, CONSIS-

TENT WITH OTHER NICSMA STATEMENTS, THE REFERENCE TO 1990 IN NICSMA/MR (77)9, PARA 4(A), LINE 9, SHOULD BE CHANGED TO MID-90'S. THE COMMIT-

TEE NOTED THE STATEMENTS AND AGREED TO THE NETHERLANDS REQUEST.

13. ITEM XI, MANAGEMENT, OPERATION AND MAINTENANCE.

A. OPERATING CONTROL ACTIVITIES FOR THE PERIOD 31 DEC 1975 TO 14 MAR 1977. THE COMMITTEE NOTED THE REPORT (REF E) AND AGREED TO THE TERMS OF REFERENCE (TOR) FOR THE COA (REF F). IN RESPONSE TO CONCERN EXPRESSED BY THE ALTERNATE US REP, THE NICS CCOA ASSURED THE MEMBERS THAT OVERALL CONTROL OF IVSN AND TARES SWITCHES WOULD BE RETAINED BY THE CCOA; AND ALTHOUGH SOME CONTROL WOULD BE DELEGATED TO REGIONAL OPERATIONS CENTERS (ROC'S), THE DEGREE WAS STILL UNDER STUDY. THE COMMITTEE AGREED TO A CHANGE REQUESTED BY THE NORWEGIAN REP TO PARA 2
CONFIDENTIAL

CONFIDENTIAL

PAGE 03 NATO 02717 04 OF 05 051130Z

OF THE ENCLOSURE TO THE ANNEX TO AC/270-D/143 (REF E). AS CHANGED, THE DOCUMENT STATES THAT FIELD ELEMENTS TO SUPPORT THE NICS WILL BE PROVIDED IN ACCORDANCE WITH DPC/D(74)25. THE BELGIAN ENDORSEMENT OF REF F (ANNEX C, REVISED) WAS PREDICATED ON THE ASSUMPTION THAT NO ADDITIONAL MANPOWER WAS REQUIRED BEYOND THAT ALREADY APPROVED BY THE DPC MANPOWER COMMITTEE.

B. SYSTEM DIRECTION AND SUPPORT. THE COMMITTEE NOTED NICSMA'S REPORT, REF G, AND THE AMENDMENT TO PARA 10 THERETO, SUBSTITUTING MNC'S FOR CONTROLLER COA IN LINE 1.

C. CONCEPT FOR THE NICS UNIFIED MANAGEMENT INFORMATION AND REPORTING SYSTEM (UMIRS). THE DG, NICSMA ACKNOWLEDGED THE CONCERNS OF MANY NATIONS THAT THE UMIRS WOULD LEAD TO NEW AND INCREASED MANNING REQUIREMENTS, BUT ASSURED THE COMMITTEE THAT IN HIS JUDGMENT THERE WAS NO DANGER OF UMIRS GETTING OUT OF CONTROL. HE CONCLUDED BY ASKING ONLY FOR ENDORSEMENT OF THE GENERAL APPROACH. THE COMMITTEE NOTED NICSMA'S DOCUMENTS (REFS H & I); NOTED STATEMENT BY THE DG, NICSMA; ENDORSED THE GENERAL APPROACH; AND INVITED THE CHAIRMAN TO DRAW THE ATTENTION OF THE CHAIRMAN, NATO COMMAND, CONTROL AND INFORMATION SYSTEMS AND AUTOMATIC DATA PROCESSING COMMITTEE (NCCDPC) TO REFERENCE H AND I.

D. NICSMA REQUIREMENT FOR GENERAL PURPOSE ADP SUPPORT. THE CHAIRMAN REVIEWED THE SITUATION TO DATE CONCERNING NICSMA'S ADP SUPPORT NEEDS. HE POINTED OUT THAT ANY NICSMA REQUEST FOR MANPOWER OR FOR ACQUISITION

OF ITS OWN COMPUTER WAS PREMATURE AT THIS TIME AND WOULD BE SUBJECT TO

REVIEW LATER. THE CHAIRMAN RECOMMENDED THAT THE COMMITTEE AGREE TO NICSMA'S OVERALL REQUIREMENT FOR GENERAL PURPOSE ADP SUPPORT, AGREE TO

DRAW THE ATTENTION OF THE NCCDPC TO DOCUMENT NICSMA-D/72 AND ADDENDUM,

NOTE NICSMA'S INTENTION TO CONCENTRATE ALL CURRENT ADP APPLICATIONS AT

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PAGE 04 NATO 02717 04 OF 05 051130Z

THE NATO SITCEN, NOTE THAT NICSMA HAS A NEED FOR AN ON-LINE COMPUTER
TERMINAL AT NICSMA, NOTE THAT IN DUE COURSE NICSMA WILL SUBMIT A RE-
QUEST FOR ADDITIONAL MANPOWER, AND NOTE THAT THE DECISION TO OBTAIN A
NICSMA OWNED GENERAL PURPOSE COMPUTER REMAINS OPEN UNTIL THE REQUIRE-

CONFIDENTIAL

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CONFIDENTIAL

PAGE 01 NATO 02717 05 OF 05 051144Z
ACTION EUR-12

INFO OCT-01 ISO-00 SS-15 NSC-05 PM-04 OC-06 CCO-00
INR-07 CIAE-00 OIC-02 EB-07 L-03 /062 W
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C O N F I D E N T I A L SECTION 05 OF 05 NATO 02717

MENTS ARE FURTHER DEFINED. THE COMMITTEE AGREED TO THE CHAIRMAN'S
RECOMMENDATIONS WITHOUT COMMENT.

14. ITEM XII, ANNUAL REPORT BY THE DG, NICSMA. THE COMMITTEE NOTED
THE REPORT, NICSMA.D/73.

15. ITEM XIII, ANNUAL REPORT TO THE DPC. THE NJCEC AGREED TO FORWARD

TO THE DPC THE PROPOSED REPORT CONTAINED IN AC/270-WP/5 WITH THE FOL-
LOWING AMENDMENTS:

A. INCLUDE THE REPORTING PORTIONS OF NICSMA-D/73 (PARAS 2-8) IN SEC-
TIONS II & III.

B. INCLUDE A STATEMENT DRAWING ON A DPC MINISTERIAL DECISION IN DEC 1976 (INSTRUCTING STAFFS TO OVERCOME ISSUES DELAYING IMPLEMENTATION OF

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CONFIDENTIAL

PAGE 02 NATO 02717 05 OF 05 051144Z

THE NICS) TO REQUEST NATIONAL AUTHORITIES TO TAKE URGENT ACTION TO:

(1) ENSURE TIMELY COMPLETION OF CIVIL WORKS PROJECTS FOR THE NICS (PARTICULARLY THE TARES).

(2) SUPPLY THE NECESSARY QUALIFIED MANPOWER FOR THE NICS ON SCHEDULE (INCLUDING MANPOWER TO BE TRAINED).

(3) PROVIDE ADEQUATE INFRASTRUCTURE FUNDS TO COMPLETE THE FULL TARE PROGRAM.

(4) PROVIDE SUPPORT FOR THE SUBSYSTEMS INTEGRATION PROJECT.

C. INCORPORATE ITEMS 2, 3, 4, 5 AND 7 CONTAINED IN ANNEX A TO NICSMA-

D/73.

16. ITEM XIV, FLEXIBILITY STUDIES. THE COMMITTEE NOTED THE "HANDOUT"

ATTACHED TO WRM-(77)104, AGREED THAT EXCEPT FOR TWO RECOMMENDATIONS WHICH STILL NEED TO BE VALIDATED, ALL OTHER MEASURES ALLOCATED TO THE NJCEC ARE BEING EXECUTED, URGED NATIONAL REPS TO ADVANCE THE NICS PROGRAMS, AND ENDORSED A REPORT BY THE CHAIRMAN TO THE CHAIRMAN OF THE

EXECUTIVE WORKING GROUP ON THE STUDY OF ALLIANCE DEFENSE PROBLEMS FOR THE 1970'S.

17. ITEM XV, ANY OTHER BUSINESS.

A. REPLACEMENT OF DDG, NICSMA. THE COMMITTEE NOTED THE STATEMENT BY THE CHAIRMAN THAT IF NO OTHER CANDIDATES FOR THE POST OF DDG, NICSMA WERE RECEIVED PRIOR TO 13 MAY 1977, HE WOULD SEEK THE AGREEMENT OF THE

COMMITTEE RECOMMENDING TO THE SYG, NATO THE APPOINTMENT OF MGEN T M RIENZI; IF OTHER CANDIDATES WERE OFFERED, A SPECIAL MEETING WOULD BE CONVENED ON 1 JUNE 1977.

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PAGE 03 NATO 02717 05 OF 05 051144Z

B. HISPEED CRYPTOGRAPHIC EQUIPMENT. THE COMMITTEE NOTED STATEMENTS MADE BY THE NETHERLANDS AND US REPS ANNOUNCING THE DECISION OF THEIR GOVERNMENTS TO SUBMIT A COMMON EQUIPMENT TO NATO TO SATISFY ITS HIGH

SPEED CRYPTO REQUIREMENT, AND THAT THIS REPRESENTED A POSITIVE STEP
FORWARD TOWARD ACHIEVING SECURE TELECOMMUNICATIONS INTEROPERABILITY IN

THE ALLIANCE.

18. ITEM XVI, DATE AND PLACE OF NEXT MEETINGS. THE NJCEC:

A. CONFIRMED OCT 13-14, 1977 AS THE DATES FOR ITS NEXT MEETING.

B. TENTATIVELY SET APR 27-28, 1978 AS THE DATES FOR THE SUBSEQUENT
MEETING.

FYI: THE CNAD SCHEDULED ITS COMPARABLE MEETINGS FOR OCT 25-27, 1977
AND APR 25-27, 1978. END FYI, BENNETT

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Message Attributes

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Disposition Comment: 25 YEAR REVIEW
Disposition Date: 22 May 2009
Disposition Event:
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Subject: JOINT COMMUNICATIONS-ELECTRONICS COMMITTEE (NJCEC) MEETING, APRIL 28-29, 1977
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